

**To:** Brattin, Bill[brattin@epa.gov] **CBI/Ex. 4**  
**From:** OBrien, Wendy  
**Sent:** Fri 8/14/2015 5:34:44 PM  
**Subject:** FW: Corrected highlighted table - Sample summary Table 20150813 - R8 Sediment and Potable Water  
[Corrected Sample Summary Table\\_20150813.xlsx](#)

Wendy O'Brien, DVM, PhD, DABT

Toxicologist, Ecosystems Protection and Remediation

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**From:** OBrien, Wendy  
**Sent:** Friday, August 14, 2015 8:43 AM  
**To:** Wagner, Christine; McKean, Deborah; Wall, Dan  
**Subject:** Corrected highlighted table - Sample summary Table 20150813 - R8 Sediment and Potable Water  
**Importance:** High

Here is the CORRECT table to use to look at exceedances for sediment and potable water.

Results reported in the text of my previous emails are correct and are copied below for your convenience. Sorry for any confusion this may have caused.

All results fall below the recreational screening levels.

Here are some quick stats on the data:

Arsenic results range from 3.69-9.31 mg/kg

Lead results range from 86-496 mg/kg (all but one sample fall below 400)

Mercury ranges from 0.01- 0.05

Thallium had 2 detects (1.74 and 1.91 mg/kg) and 9 NDs.

Potable water results:

Antimony: 1 exceedance (19 ug/L) of MCL (6 ug/L)

Arsenic: 1 exceedance (25 ug/L) of MCL (10 ug/L)

Iron: 3 exceedances (310-880 ug/L) of secondary MCL (300 ug/L)

Lead: 2 exceedances (20 and 30 ug/L) of MCL (15 ug/L)

Manganese: 1 exceedance (320 ug/L) of secondary MCL (50 ug/L)

The well IDs where exceedances occur are as follows:

GKMTW24: iron (600 ug/L)

GKMTW27: lead (30 ug/L)

GKMTW28: lead (20 ug/L); antimony (19 ug/L)

GKMTW 33: iron (310 ug/L); arsenic (25 ug/L); manganese (320 ug/L)

GKMTW34: iron (880 ug/L)

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**From:** OBrien, Wendy

**Sent:** Friday, August 14, 2015 8:24 AM

**To:** Wagner, Christine; McKean, Deborah; Wall, Dan

**Subject:** Potable water results -Sample summary Table 20150813 - R8 Sediment and Potable Water

Potable water results:

Antimony: 1 exceedance (19 ug/L) of MCL (6 ug/L)

Arsenic: 1 exceedance (25 ug/L) of MCL (10 ug/L)

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The well IDs where exceedances occur are as follows:

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GKMTW 33: iron (310 ug/L); arsenic (25 ug/L); manganese (320 ug/L)

GKMTW34: iron (880 ug/L)

For both potable water and sediment, I've highlighted exceedances in the table (attached).

Let me know what else I can do to help.

Wendy O'Brien, DVM, PhD, DABT

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**From:** Wagner, Christine

**Sent:** Friday, August 14, 2015 6:39 AM

**To:** McKean, Deborah; Smith, Terry; OBrien, Wendy; Wall, Dan

**Subject:** FW: Sample Summary Table 20150813 - R8 Sediment and Potable Water

All,

Here is the validated R8 sediment and potable water data for your review. Terry, this is going to you at the same time as Deb, so please understand that this has not yet undergone review here at Area Command.

Thank you  
Chris

*Chris Wagner, OSC*

*EPA Region III*

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**From:** Latham (Polinko), Janine [mailto:Janine.Latham@] **CBI/Ex. 4**  
**Sent:** Friday, August 14, 2015 3:11 AM  
**To:** Wagner, Chris; McCardell, Matt; Deland, Eric; Nattis, Randy; Burgo, Daniel  
**Cc:** Brad.Morgan **CBI/Ex. 4**  
**Subject:** Sample Summary Table 20150813

Attached you can find the summary of validated analytical data through 8/13/2014.

NOTE: for R8 Potable Water and Sediment Analytical data has been added to the delivery in addition to the Surface Water.

Thanks

*Janine Polinko Latham*

*Technical Manager*

**CBI/Ex. 4**

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